

IN THE SPECIFICATION

Please amend paragraphs and headings of the specification, as shown below, in which deleted terms are shown with strikethrough and/or double brackets, and added terms are shown with underscoring. Also, please add new paragraphs [000.1] and [0041], and a heading associated with new paragraph [000.1] as shown below.

New Paragraph [000.1] and Associated Heading

CROSS-REFERENCE TO RELATED APPLICATIONS

[000.1] The present invention is the US National Phase of International Application PCT/JP2004/008621, filed 18 June 2004, which claims priority under 35 USC 119 based on Japanese patent application No. 2003-181626, filed 25 June 2003. The entire contents of the International and priority Japanese applications are incorporated herein by reference.

Paragraph [0002] There is proposed, for the purpose of effectively irradiating the object of irradiation with lights from light sources, [[what]] an illuminator that uses a light guide whose section is a paraboloid (see Patent Document 1 for instance).

Heading Between Paragraphs [0003] – [0004]

Disclosure of the Invention

Problems to be Solved by the Invention

Heading Between Paragraphs [0006] – [0007]

Means for Solving the Problems-Summary of the Invention

Paragraph [0007] [[The]] A light guide pertaining according to an embodiment of the invention for solving the problem noted above emits lights incident [[from]] on an end face from

an emitting face disposed along the longitudinal direction while having the lights reflected by the internal face thereof, wherein the sectional shape thereof of the light guide in a direction orthogonal to the longitudinal direction of this light guide has two opposite parabolas, a line segment connecting the focal points of the two opposite parabolas and a line segment corresponding to the emitting face. The face containing the line segment connecting the focal points of the two opposite parabolas constitutes the reflective face and the face opposite to this reflective face constitutes the emitting face.

Paragraph [0009] An image reader pertaining according to an embodiment of the invention has two [[pairs]], for instance, of illuminating units each provided including the light guide with a light source on one end or both ends of the light guide, and the illuminating units are so arranged as to cause lights emitted from the emitting faces of the guides to irradiate the same area of the face to be read of the document to be illuminated.

Heading Between Paragraphs [0017] – [0018]

Best Modes for Carrying Out Detailed Description of the Invention

New Paragraph [0044] Although there have been described what are the present exemplary embodiments of the invention, it will be understood that variations and modifications may be made thereto within the spirit and scope of the appended claims.